

MVSR Engineering College, Nadergul.

Department of Mechanical Engineering

COURSE OUTCOMES

Class: B. E. 1st Semester (Common to ECE, CSE, EEE, IT and CIVIL Engg)

Name of the course: Engineering Graphics (NEW) (CBCS)

Course Code: ES 153 CE

At the end of the course student is able to

S.No	Outcomes	POs mapped	PSOs mapped
CE 153.1	Recall the mathematical concepts related to scales, conic sections, involutes, etc and demonstrate proficiency in construction of these using the various methods described in literature.	PO1,PO2,PO4, PO7,PO10,PO12	PSO 2
CE 153.2	Analyse the various tools in AUTOCAD and utilize them for drawing of problems related to scales, conic sections, cycloids, etc..	PO1,PO2,PO3,PO 4, PO5,PO9,PO10	PSO1, PSO2
CE 153.3	Analyse the position of points and lines when placed in different orientations with respect to reference planes and reproduce them using AUTOCAD.	PO1,PO2,PO3, PO4,PO7,PO9,PO 10	PSO1, PSO2
CE 153.4	Draw the various views of planes when in simple position and in oblique positions using AUTOCAD.	PO1,PO2,PO3, PO4,PO6,PO7, PO9,PO10,PO12	PSO1, PSO2
CE 153.5	Assess the shapes of objects such as prisms, pyramids and solids of revolution and analyse their projections when they are placed in different orientations with reference planes. Subsequently the students would be able to draw these projections using AUTOCAD.	PO1,PO2,PO3,PO 4,PO5, PO6,PO7, PO8, PO9, PO10, PO11, PO12.	PSO1, PSO2