

**MVSR Engineering College, Nadergul.**  
**Department of Mechanical Engineering**  
**COURSE OUTCOMES**

Class: B. E. 1<sup>st</sup> Semester (Common to Mechanical Engg and Automobile Engg)

Name of the course: Engineering Drawing-1

Course Name (Code): ES 157 ME

At the end of the course student is able to

S.No	Outcomes	POs mapped	PSOs mapped
ME 157.1	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
ME 157.2	Analyse the various tools in AUTOCAD and utilize them for drawing of problems related to scales, conic sections, cycloids, etc..	PO1,PO2,PO3,PO4, PO5,PO9,PO10	PSO1, PSO2
ME 157.3	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,PO10	PSO1, PSO2
ME 157.4	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
ME 157.5	Access 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,PO4,PO5, PO6,PO7, PO8, PO9, PO10, PO11, PO12.	PSO1, PSO2