

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

Class: B. E. 1<sup>st</sup> Semester (Common to all Branches)

Name of the course: Engineering Graphics (OLD)

Course Code: CE 108

At the end of the course student is able to

S.No	Outcomes	POs mapped	PSOs mapped
C 108.1	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
C 108.2	Analyse the position of objects when placed in different orientations with respect to reference planes and reproduce them on drawing sheets to provide valid explanations.	PO1,PO2, PO3,PO4, PO5,PO9, PO10	PSO1, PSO2
C 108.3	Draw the various views of three dimensional objects (Solids) which may be oriented in different positions with respect to the reference planes.	PO1,PO2, PO3,PO4, PO7,PO9, PO10	PSO1, PSO2
C 108.4	Assess the shapes of objects that can be generated when a given solid is cut by section planes in different orientations. These shapes are shown in the corresponding sectional views using the concepts of auxiliary planes. Further the development of the truncated solids can be drawn by recognizing the basic principles of developments of surfaces.	PO1,PO2, PO3,PO4, PO6,PO7, PO9,PO10, PO12	PSO1, PSO2
C 108.5	Recognize the various features of solids by viewing them from front, top and sides. Subsequently the student would also be able to generate a few three-dimensional views of the given objects using the principles of isometric projections.	PO1,PO2,P O3,PO4,PO 5,PO6,PO7, PO8,PO9,P O10,PO11,P O12.	PSO1, PSO2