

**MVSR Engineering College, Nadergul.**

**Department of Mechanical Engineering**

**COURSE OUTCOMES**

Class: B.E.IV Year II Sem (Mech. Engg.)

Name of the Course: **PRODUCT DRAWING**

Course Code: ME 450

At the end of the course student is able to

S.No Unit wise	Course Outcomes	POs Mapped
ME 450.1	Prepare title block, represent materials used for components; parts list and manufacturing processes of components on the drawing sheet.	PO1, PO2,PO3,PO4, PO12
ME 450.2	Recognise parts like screwed joints, welded joints, springs, gears, elements in electrical, hydraulic and pneumatic circuits and various machine tool elements in the production processes, on the drawing sheet.	PO1, PO2,PO3, PO4, PO11, PO12
ME 450.3	Distinguish fits, tolerances, on the production drawing sheet in alpha numeric designation (fits / limits).	PO1,P O2, PO3, PO4,PO6,PO7, PO8, PO12, PSO- 01
ME 450.4	Select proper fit according to the application and able to calculate the limits and represent them on production drawings.	PO1, PO2,PO3, PO4, PO6, PO7, PO8, PO11, PO12, PSO-01, PSO-02
ME 450.5	Sketch production drawings of different parts from the assembly drawings indicating features like limits, tolerances surface roughness, surface treatments.	PO1, PO2,PO3, PO4, PO11, PO12, PSO-01
ME 450.6	Generate process sheets for the components.	PO1, PO2,PO3, PO4, PO6, PO7, PO8, PO9, PO11, PO12