

MVSR Engineering College, Nadergul.

Department of Mechanical Engineering

COURSE OUTCOMES

Class: B.E.III Year I Sem (Mech. Engg.)

Name of the Course: **Thermodynamics Laboratory**

Course Code: ME 331

At the end of the course student is able to

S.No	Outcomes	POs mapped	PSOs mapped
M 331.1	The student would be able to assess the variation of viscosity of various oils with temperature and also determine their flash and fire points.	PO1,PO2,PO4,PO9	PSO1.
M 331.2	The student would be able to evaluate the performance parameters of reciprocating air compressors.	PO1, PO2, PO3, PO4, PO5, PO9, PO12.	PSO1, PSO2.
M 331.3	The student would be able to classify IC engines, identify their various critical components and evaluate the opening and closings of the ports and valves. The students would be able to critically analyse the need for prior opening of valves and late closing of valves in the IC engines.	PO1, PO3, PO4, PO7, PO9, PO10.	PSO1, PSO2.
M 331.4	The student would be able to correlate the performance parameters of 4-stroke petrol engines and 4- stroke diesel engines with respect to theoretical analysis and experimental values.	PO1, PO3, PO4, PO5, PO6, PO7, PO9, PO10, PO12.	PSO1, PSO2.
M 331.5	The student would be able to correlate the performance parameters of 2-stroke petrol engines with respect to theoretical analysis and experimental values.	PO1, PO3, PO4, PO5, PO6, PO7, PO9, PO10, PO12.	PSO1