

MVSR Engineering College, Nadergul.

Department of Mechanical Engineering

COURSE OUTCOMES

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

Name of the Course: **METROLOGY AND INSTRUMENTATION LAB**

Course Code: ME 432

At the end of the course student is able to

No.	Course Outcome	POs Mapped
ME 432.1	Select and apply the knowledge of measuring tools for external, internal and angular measurements for promoting the qualitative production management.	PO1,PO3,PO4, PO5,PO6,PO10
ME 432.2	Adapt the principles of optical measurements in measurement of screw and gear profiles.	PO1,PO3,PO4, PO5,PO9,PO10
ME 432.3	Choose and practice the appropriate methods of force measuring devices principles for required situation.	PO1,PO4,PO5, PO12
ME 432.4	Demonstrate the need of machine alignment test for qualitative production.	PO1,PO8,PO9, PO10
ME 432.5	Practice calibration principles for maintaining the required precision of instruments / tools.	PO1,PO3,PO8, PO9,PO10,PO12
ME 432.6	Select and practice the methods of temperature measurement.	PO1,PO3,PO6, PO7,PO9,PO10