

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**

Course Code: ME 402

At the end of the course student is able to

No.	Course outcomes	POs
M402.1	Adopt Taylor's principle for design of limit gauges.	PO ₁ , PO ₂ ,
M402.2	Use comparators for mass production facilities and maintaining quality of products.	PO ₁₁ , PO ₁₀ , PO ₆
M402.3	Apply the concepts of surface roughness measurements for functionality improvement of the products. Use the gear measurement principles in industry.	PO ₂ , PO ₃ , PO ₉ , PO ₁₂
M402.4	Demonstrate the functional elements and their significance in measurements of mechanical product parameters.	PO ₁
M402.5	Explain the functioning of pressure, vibration, temperature and force measuring instruments.	PO ₆ , PO ₁₂