

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

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

Name of the Course: **Manufacturing Processes Laboratory**

Course Code: ME 333

At the end of the course student is able to

CO no	Course Outcome	POs
M 333.1	Produce a Single piece and Split piece pattern by considering shrinkage, machining and draft allowances.	PO1 , PO2,PO3
M 333.2	Determine various sand properties like permeability, grain finess number, compressive, shear ,moisture content and toughness of the sand.	PO1 , PO2,PO3,PO4
M 333.3	Produce a casting and analyze, indentify various types of defects in casting	PO1 , PO2,PO3,PO5,PO6
M 333.4	Produce different types of joints like butt, lap, v-joint by using arc, tig, mig and gas welding processes and identify various defects in weldments.	PO2,PO3,PO5
M 333.5	Produce different types of products with good material properties by blanking, punching, piercing, drawing etc. operations.	PO1 , PO2,PO3,PO5,
M 333.6	Produce various plastic products by various dies in injection moulding process.	PO1 , PO2,PO3,PO5,
M 333.7	Classify various forming operations and determine Erichsen number of the materials like mild steel and aluminium.	PO1 , PO2,PO3,PO5,