

MVSR Engineering College, Nadergul.

Department of Mechanical Engineering

COURSE OUTCOMES

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

Name of the Course: **OPERATIONS RESEARCH**

Course Code: ME 404

At the end of the course student is able to

No	Course Outcome	POs mapped
M 404.1	To prepare the students to have the knowledge of Linear Programming Problem in Operations Research at the end students would be able to understand the concept and develop the models for different applications.	PO1,PO2,PO3, PO5, PSO1
M 404.2	Students to appreciate importance of Transportation and Assignment models in Operations Research at the end students would be able to explain usage of Transportation and Assignment models for various industrial cases for minimization of cost.	PO1, PO2, PO3
M 404.3	To make students understand the concept Replacement models at the end students would able to explain various features and applications of replacement models in real time scenario.	PO1, PO2, PO3, PO7
M 404.4	To prepare the students to understand theory of Game in operations research at the end students would able to explain application of Game theory in decision making for a conflict	PO1, PO2, PO3, PO4, PO8, PSO1
M 404.5	To prepare the students to have the knowledge of Sequencing model at the end student would able to develop optimum model for job scheduling	PO1, PO2, PO3
M 404.6	To prepare students to understand Queuing theory concepts and various optimization techniques at the end students would able to develop models for waiting line cases	PO1, PO2,PO3, P11, PO12