

**MVSR Engineering College, Nadergul.**

**Department of Mechanical Engineering**

**COURSE OUTCOMES**

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

Name of the Course: **AUTOMOBILE ENGINEERING**

Course Code: ME 407

At the end of the course student is able to

<b>CO no.</b>	<b>Course outcome</b>	<b>POs</b>
M407.1	Generalize the different types of automobiles, list the engine components, describe the functioning of IC engines and classify the fuel supply system for S.I and C.I engines	PO1, PO2, PO3
M407.2	Differentiate the types of lubrication system, identify different lubrication and cooling systems used in vehicles. Classify ignition system and describe the functioning of battery and automobile air conditioning system	PO1, PO2, PO4
M407.3	List the salient features of different steering mechanisms, describe the importance of wheel alignment and wheel balancing, describe the importance of different suspension systems and shock absorbers used in an automobile	PO1, PO2, PO3, PO5
M407.4	Identify different components in power transmission system design a system, components, or process to meet desired needs with in realistic constrains such as economic, environmental, health and safety, describe about braking system	PO1, PO2, PO5, PO6
M407.5	Adapt techniques, skills and modern engineering tools necessary to control the pollution, record the automobile parts maintenance, design and build components and system to reduce pollution of automobile vehicles	PO2, PO5, PO7, PO8