



## DEPARTMENT OF AUTOMOBILE ENGINEERING

### VISION

*“To develop technically skilled engineers with value-based education in the automotive industry to face upcoming chances“.*

### MISSION

- *Understanding the need for regional automotive industries.*
- *Provide hands on skills for lifelong professional development.*
- *To create responsible students with a sense of ethics & discipline.*

**Subject Name: Automobile Transmission Systems (313314)**

**Assignment No :- 1**

**Course Outcome: 304.1**

**Topic Name :- Vehicle Structure**

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- 1. List the load acting on chassis/frame***
- 2. State the necessity of frame***
- 3. What is Channel, Box, Tubular & I section in frame***
- 4. State the classification of vehicle layout***
- 5. Draw the diagram of Forward Engine Rear Wheel Drive***

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**Assign By :- Mr. Vishal Sagvekar**



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**Subject Name: Automobile Transmission Systems (313314)**

**Assignment No :- 2**

**Course Outcome: 304.1**

**Topic Name :- Automobile Clutches**

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- 1. List the requirements of automotive clutches***
- 2. Explain the Principle of Automotive Clutches***
- 3. Explain one of the following Single plate clutch (Coil) OR Single plate clutch (Diaphragm) with diagram***
- 4. Explain one of the following Multi plate clutch OR Centrifugal clutch with diagram***
- 5. Explain any one of the following clutch mechanisms - Mechanical Linkage, Mechanical cable, Hydraulic***

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**Assign By :- Mr. Vishal Sagvekar**