



DEPARTMENT OF AUTOMOBILE ENGINEERING

VISION

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

MISSION

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

Subject Name: Automobile Transmission Systems (313314)

Date :-

Assignment No :- 1

Course Outcome: 304.1

Topic Name :-Vehicle Structure

- 1. *What is the necessity of Frame.***
 - 2. *Classify vehicle layout.***
 - 3. *State the materials for frames.***
 - 4. *Draw the Diagram of front engine rear wheel drive.***
 - 5. *List the load acting on frames.***
-

Date of Submission:-

Assign By:-Mrs. Nisha Ingawale



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Assignment No :- 2

Course Outcome: 304.2

Topic Name :- Automotive Brakes

- 1. List the requirement of automotive clutches.**
 - 2. Explain the principle of automotive clutches**
 - 3. Explain single plate clutch.**
 - 4. Explain any clutch operating mechanism.**
 - 5. What is the necessity of clutch.**
-

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Assignment No :- 3

Course Outcome: 304.3

Topic Name :- Suspension Systems

- 1. State the types of gearbox.***
- 2. Explain Torque convertor.***
- 3. Explain sliding mesh gearbox.***
- 4. Explain necessity of automatic transmission.***
- 5. Explain Continuously Variable Transmission (CVT).***

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Date :-

Assignment No :- 4

Course Outcome: 304.4

Topic Name :- Auto Body Engineering

- 1. State the types of propeller shaft.*
- 2. Explain Hooke's joint.*
- 3. Explain Differential with construction and working.*
- 4. State the type of rear axle drive.*
- 5. State Function and construction of Slip Joint.*

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Subject Name: Automobile Transmission Systems (313314)

Date :-

Assignment No :- 5

Course Outcome: 304.5

Topic Name :- Safety and Advanced Driver Assistance System

- 1. State types of tyres.***
- 2. State types of rims.***
- 3. What are the materials used for tyre.***
- 4. Difference between tubed tyre and tubeless tyre.***
- 5. Explain Tyre life and factors influencing on it.***

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