



SNS COLLEGE OF TECHNOLOGY

(An Autonomous Institution)

COIMBATORE-35.



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Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai.

DEPARTMENT OF AUTOMOBILE ENGINEERING

COURSE NAME : 19AUE308 - SPECIAL VEHICLES

III YEAR /VI SEMESTER

Unit 4- Cranes and Special Utility Vehicle

Topic 6: Towing Vehicle



CONTENT



- Introduction
- Need for Towing Vehicle
- Types of Towing vehicle
- Applications



INTRODUCTION



- A tow truck is a truck used to move disabled, improperly parked, impounded, or otherwise indisposed motor vehicles.
- This may involve recovering a vehicle damaged in an accident, returning one to a drivable surface in a mishap or inclement weather, or towing or transporting one via flatbed to a repair shop or other location.





NEED FOR TOWING VEHICLE



- It is hard to move and operate the accidental vehicles.
- Since the working parts of the accidental vehicle will not function.
- In order to carry that damaged vehicle to the nearer workshop, the towing vehicle can be used.





WHEEL LIFT TOW TRUCK





FLAT BED TOW TRUCK





BOOM TOW TRUCK





APPLICATION

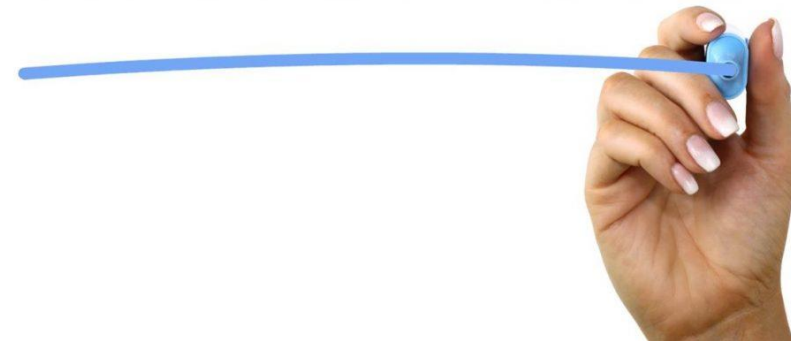
- Used to transport damaged vehicle to the nearer service center
- Used for seizing the vehicle which is parked in No-parking area





1. How wheel lift tow truck works?
2. Mention the working of flat bed tow truck.
3. What is the cost of Towing Vehicle?

ASSESSMENT





REFERENCE



- ❖ https://en.wikipedia.org/wiki/Tow_truck.
- ❖ https://www.youtube.com/watch?v=7kh7Fdf_iNo



THANK YOU !!!