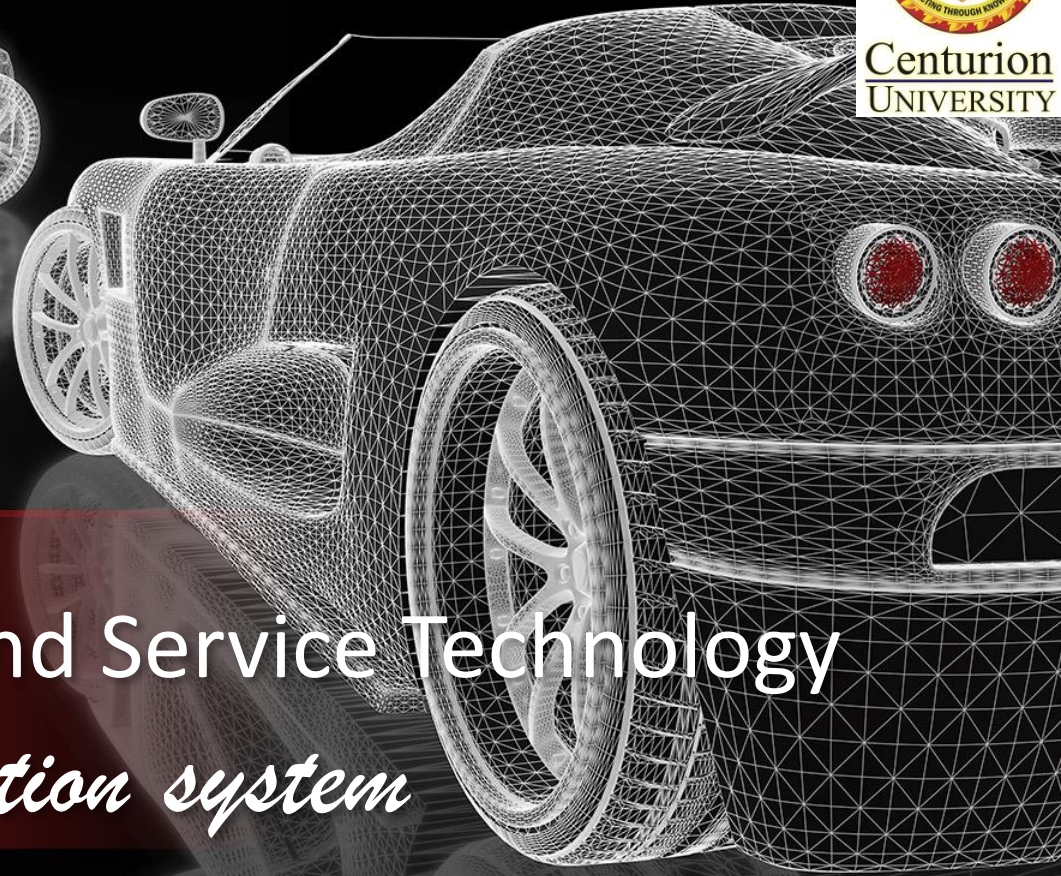
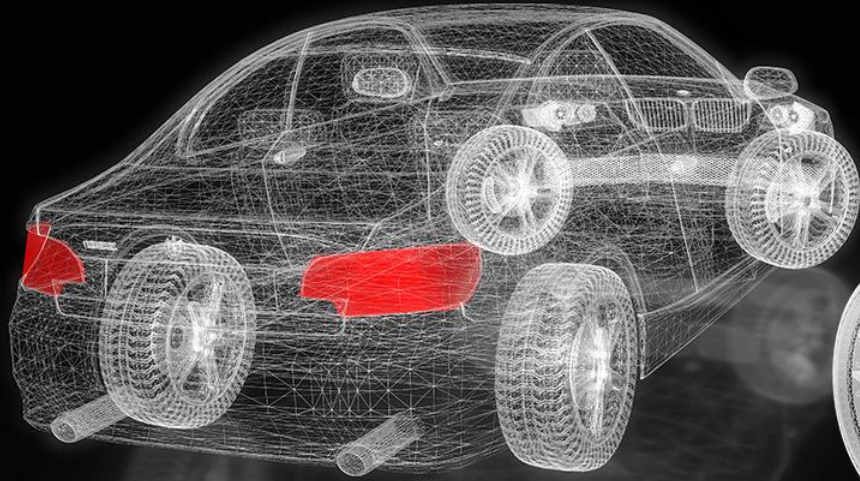




Centurion
UNIVERSITY



E-Vehicle Assembly and Service Technology

The future transportation system

Why E-Mobility ?

A wireframe illustration of a car, showing the front wheel, steering wheel, and part of the body, rendered in a grid-like mesh style.

- By 2030 Indian government aim to substitute all conventional vehicle with E-Vehicles.
- Targets to produce 11 millions E-Vehicles.
- Pollution and Noise control
- Easy to control

Operational Areas

A wireframe rendering of a vehicle chassis and wheels, showing the structural framework of the vehicle. The image is positioned in the top right corner of the slide, partially overlapping the red header bar.

- E-Bike
- E-Rickshaw
- E-Commercial Vehicles
 - Goods Carrier
 - Passenger carrier
 - Agricultural machineries (Planters)
 - Hybrid
- Drone

Outlines

A wireframe model of a car, showing the front and side profile, rendered in a light gray color against a dark background. The model is composed of a grid of lines forming the car's body, wheels, and interior details.

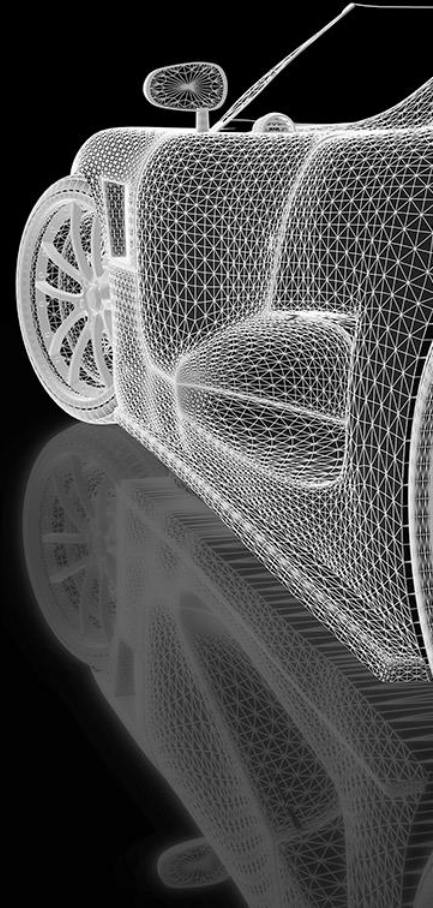
- **AGENDA** of the Center
- **STATUS** report
- **CAPACITY and Faculty** Development
- **FUTURE** Prospective

AGENDA of the Course

- Revenue Generation
- Skill Development



- Design and Manufacturing
- Maintenance and Services
- Consultancy
- Domain Development
- Certificate and Skill courses
- Publications and Patents



Maintenance and Services

- **Design of different spare parts of E- Vehicles/Drone**

- Lithium-ion Battery/Lithium Ion
- Power Inverter
- **Electric Motor/BLDC**
- Battery Charger/ Onboard charger
- Portable Power Bank
- **Battery Management System (BMS)**
- **Electronic Control Units (ECU) and Software**
- **Electric Charging Stations**
- Battery Pack Refurbishment
- Mechanical Components

