

19AUO302 _ Recent Trends in automobile

Part A

Unit 1

List the driver convenience features to improve the overall driving experience?

What is the primary purpose of driver assistance system?

Outline the contribution of driver monitoring systems for road safety

Outline the collision avoidance systems operation to prevent accidents

How do collision avoidance systems operate to prevent accidents?

Relate the driver information system for a safer driving?

Unit 2

How do Global Positioning Systems (GPS) contribute to recent trends in automobiles?

Rephrase the navigation systems evolving to meet the demands of contemporary automotive trends.

Identify the role of Geographical Information Systems (GIS) play in the automotive industry today.

What advancements have been made in automotive vision system model for enhanced safety and performance?

Part B

Unit 1

What role does driver information systems play in modern vehicles, and how do they contribute to enhancing the overall driving experience?

Conclude "general vehicle control" referred in the context of automotive technology, and why is it crucial for overall vehicle performance?

Analyze how do collision avoidance systems work in vehicles, and what technologies are commonly employed to prevent collisions

Unit 2

Classify the challenges and future advancements in navigation systems, particularly in the context of autonomous vehicles

Demonstrate the role of driver convenience features in modern vehicles and how they contribute to a more comfortable and enjoyable driving experience.

Construct the GIS benefit various industries, and what are the its applications beyond traditional mapping?