



# **SNS COLLEGE OF TECHNOLOGY**

**Coimbatore-35**  
**An Autonomous Institution**

Accredited by NBA – AICTE and Accredited by NAAC – UGC with 'A++' Grade  
Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai



## **DEPARTMENT OF AUTOMOBILE ENGINEERING**

### **AUTOMOTIVE SAFETY & INFOTRONICS**

#### **UNIT III – SAFETY CONCEPTS**

##### **TOPIC I : SEAT BELTS**



# PRESENTATION OUTLINE

- Introduction
- Requirements of Seat belts
- History of Seat belts
- Seat Belt
- Working of Seat Belt
- Mistaken beliefs about Seat belt



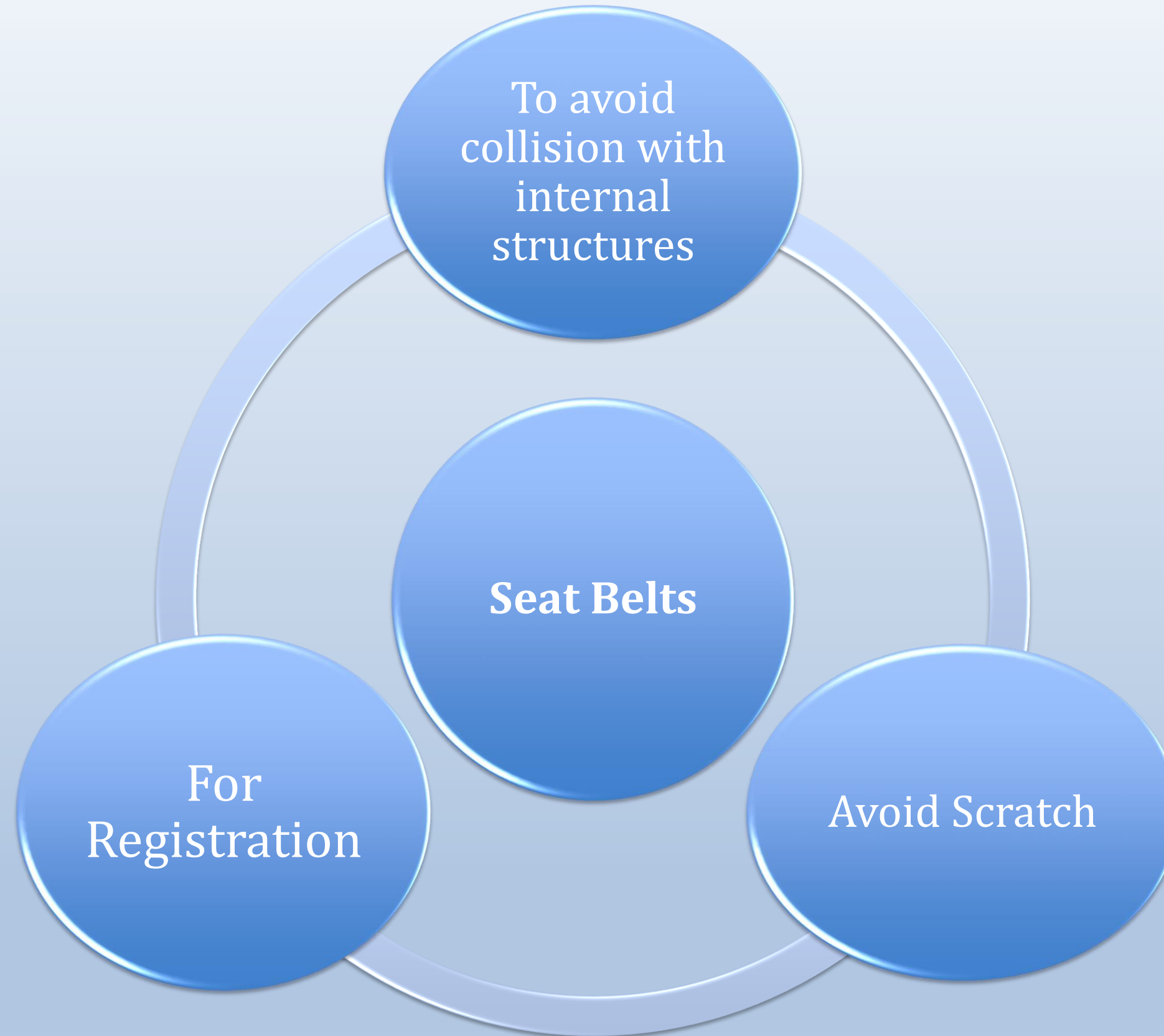


# INTRODUCTION

- According to statistics people living in America have 1 in 84 chances of dying in a car accident
- You can reduce the no.of chances of dying in a car accident by simply putting seat belt.



# REQUIREMENTS OF SEAT BELTS





# HISTORY OF SEAT BELTS



- 1800 – George Cayley
- 1960 – Standard Size
- 1973 – France



# SEAT BELT



- Best Protection
- Reduces the forces acting on the body



# SAFETY BELTS



- One of the most overlooked safety items in the automobile is seat belt.
- Seat belts are still the most effective means of reducing fatalities and serious injuries in a traffic crash



# REASONS



- Seat belts can save your life in a crash
- Seat belts can reduce a risk of serious injuries in a crash
- Thousands of people who died in a car accident each year might be still alive if they had been wearing a seat belt
- It is easy to wear



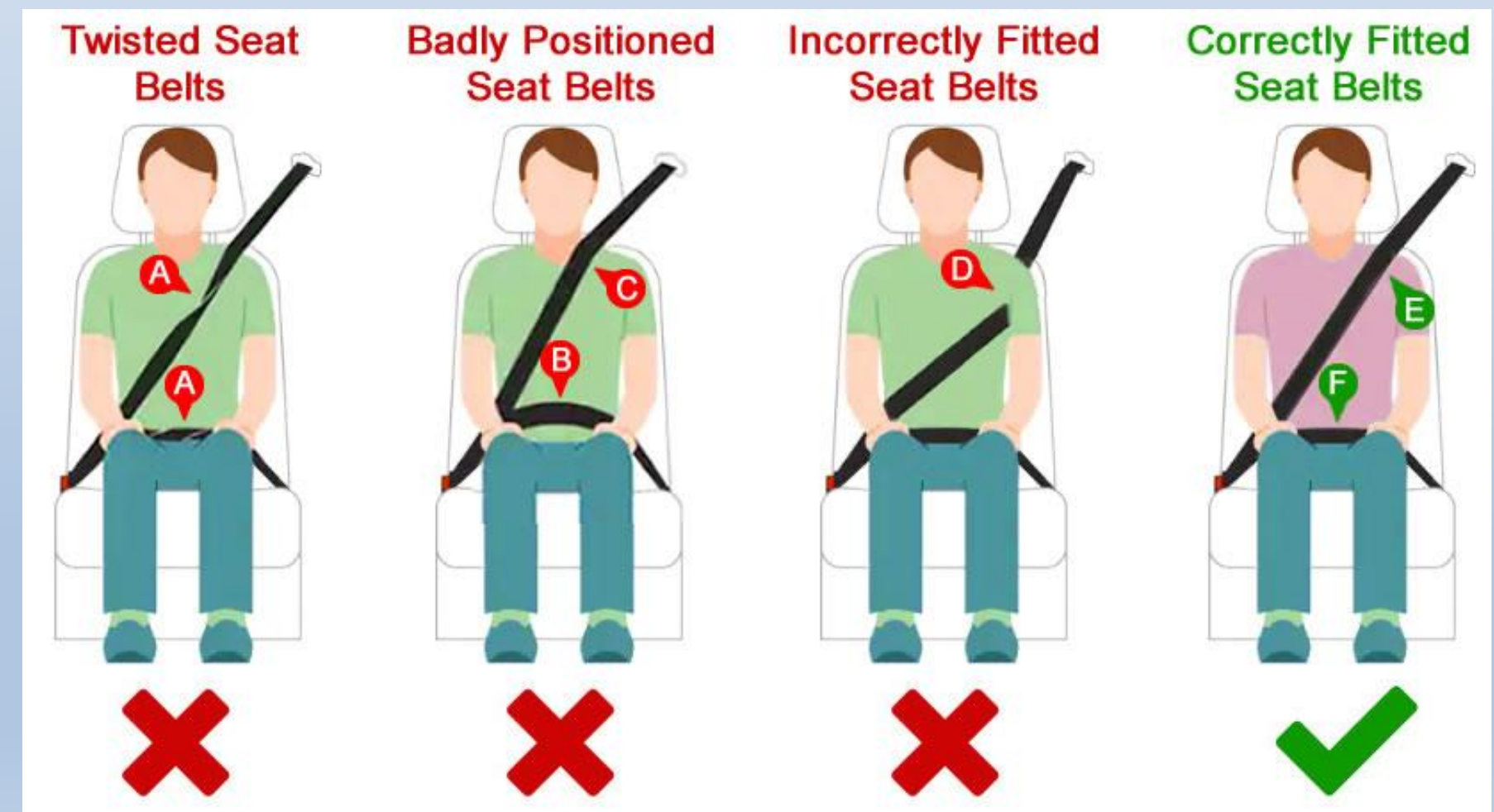


# WORKING



# MISTAKEN BELIEFS

- Seat belts can trap you inside a car
- Seat belts are good on long trips, but I don't need them if I am driving around town





# REFERENCES



- <https://learndriving.tips/learning-to-drive/proper-way-to-wear-seat-belt/>

**Proper use of seat belt gives a secure drive and safe life. So always use it for safe drive.**

*Thank you*