Chandigarh Engineering College, Landran (Mohali)

Department of Mechanical Engineering

Innovation and Future Trends in Automotive

Conducted By: Society of Automotive Engineers India (SAE) India.

Name of Expert: Dr I.V.Rao (Sr. Fellow TERI & Ex ED, MSIL)
Mr. S. Ramanathan (MD, Automotive Test System)

Title of Event: Innovation and Future Trends in Automotive

Venue of the Event: Online

Date of Event: Oct. 5, 2021

No. of Participants: Faculty: 10, Student: more than 100 students

A brief discussion about the future trends of electric vehicles in India and Advanced Driver-Assistance Systems (ADAS) i.e. how advanced technologies are used in electronic systems to assist the driver.

Photographs of the event: Yes

Outcomes of Event: Students and faculty received the important information regarding future trends of electrical vehicles in India and about Advanced Driver-Assistance Systems (ADAS) i.e. how advanced technologies are used in electronic systems to assist the driver.
Innovation and Future Trends in Automotive

VIRTUAL EXPERT LECTURE

5th Oct 2021
2 pm to 4 pm

SPEAKERS

Future Prospects of EVs in India
Dr. L.V. Rao
Sr. Fellow TERI & Ex. ED, MSIL

ADAS—Present and Future
Mr. S. Ramanathan,
MD, Automotive Test System

Mr. Tuhin Srivastava
Vice Chair Student Activities, Saenis

Registration link: https://rb.gy/fklbf
Sustainable Mobility

- Basic Principle: Avoid, Shift and Improve
  - Avoid
    - Learning from Lockdown experience: Optimise the requirement of movement...People and Goods
  - Shift
    - Non-motorised transport
      - Encourage walking for short distances...walking tracks for pedestrian safety
      - Road infra to specially cater for walkways
    - Special tracks for Bi cycles...work force can travel longer distances for better earning
  - Public transport
    - For shift from personal transport to Public transport
    - Augmentation of Buses and Metro rail both: capacity and Quality
    - Public transport should become preferred travel mode by choice
    - These will help reduce the number of vehicles on road and hence congestion. This will also improve the efficiency of the system and reduce emissions